



1/10

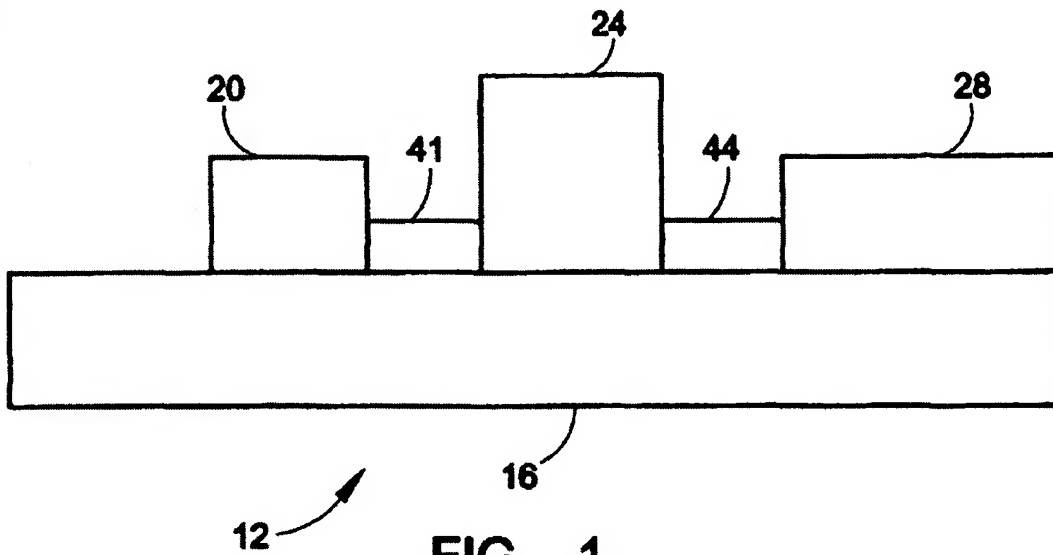


FIG. 1

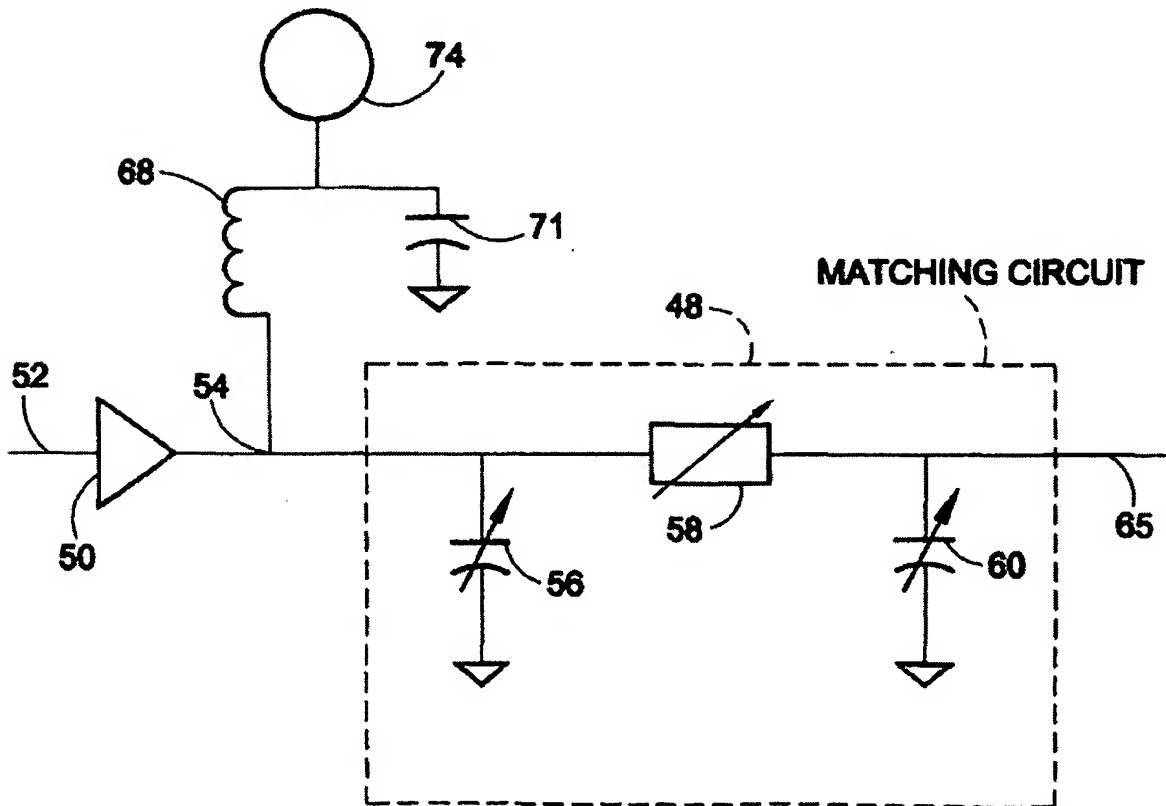
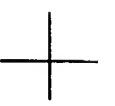


FIG. 2

SINGLE BAND POWER AMPLIFIER
MATCHING CIRCUIT



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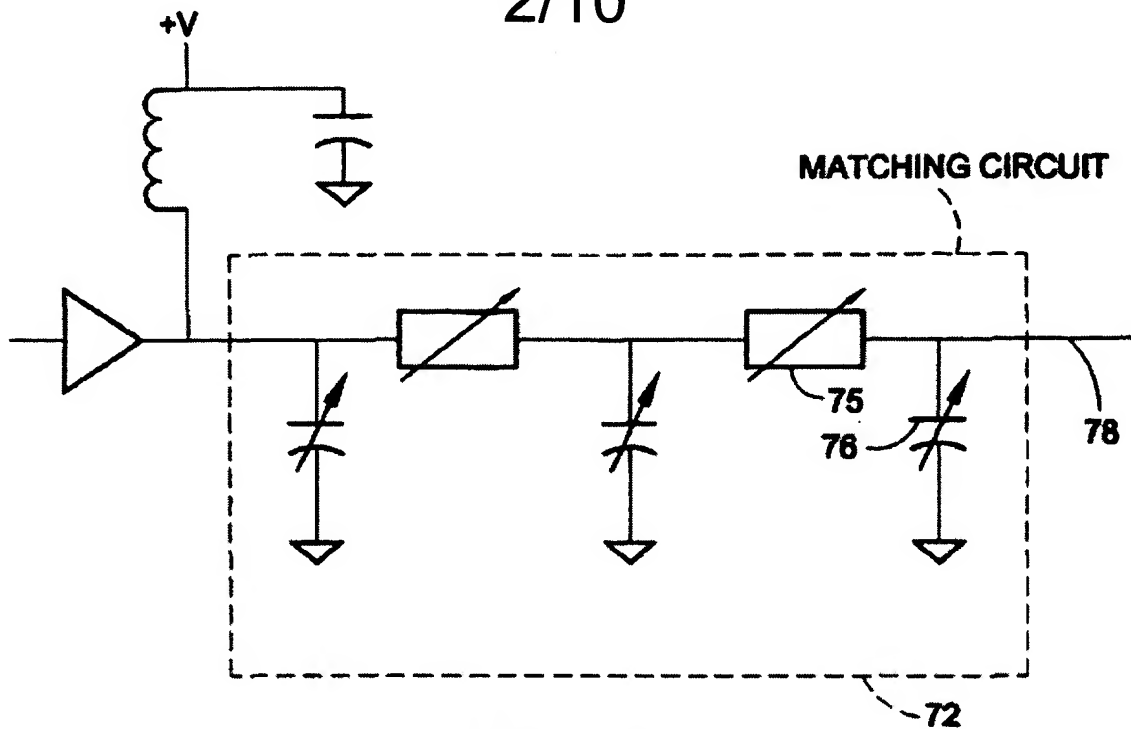


FIG. 3

**SINGLE BAND POWER AMPLIFIER
MATCHING CIRCUIT**

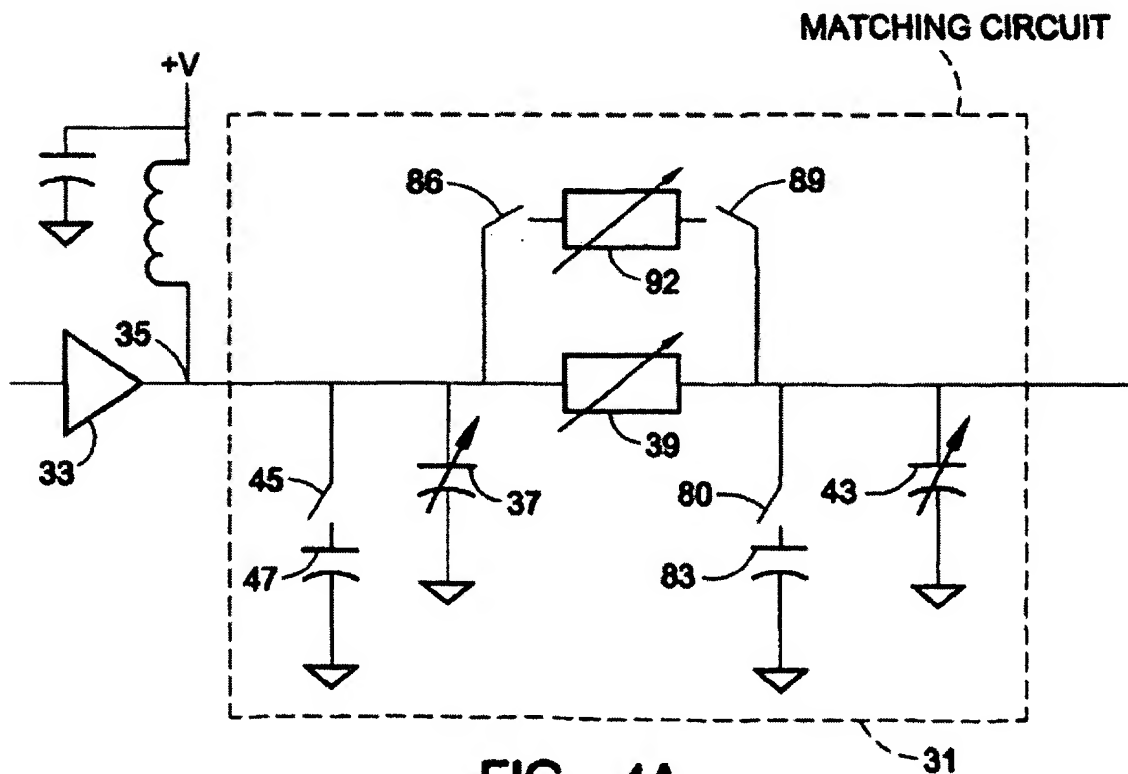


FIG. 4A

MULTIBAND POWER AMPLIFIER MATCHING CIRCUIT

The circuit diagram shows a differential amplifier configuration. A center-tapped transformer 95 has its primary winding connected to a differential-mode input signal 107. The secondary winding is connected to two input nodes of a differential amplifier, which are also connected to ground through resistors 101 and 105. The center tap of the transformer is connected to a center-tapped potentiometer 104. The wiper of the potentiometer is connected to a resistor 109, which is in turn connected to a resistor 118 and a resistor 115, both of which are connected to ground. A feedback resistor 99 is connected between the output of the differential amplifier and the input node 107.

FIG. 5

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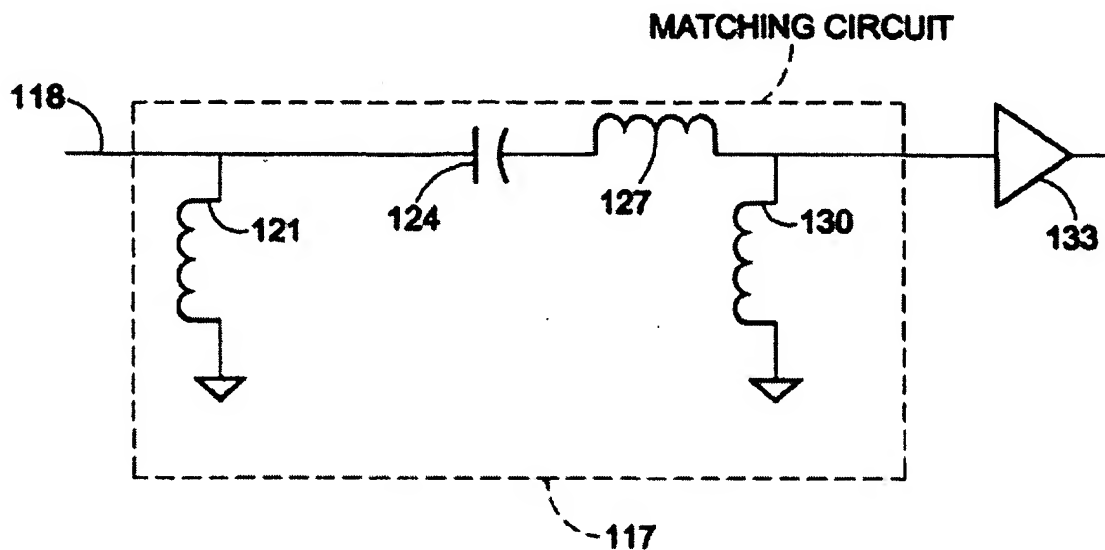


FIG. 6A

LNA MATCHING CIRCUIT

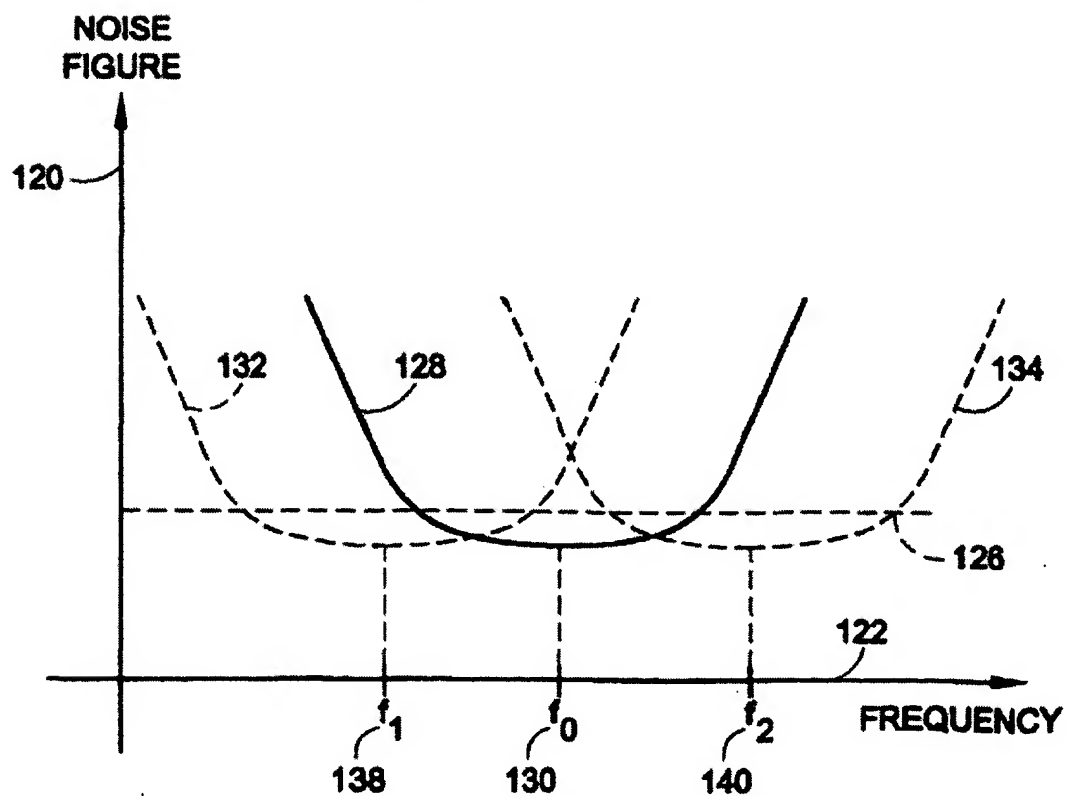


FIG. 6B

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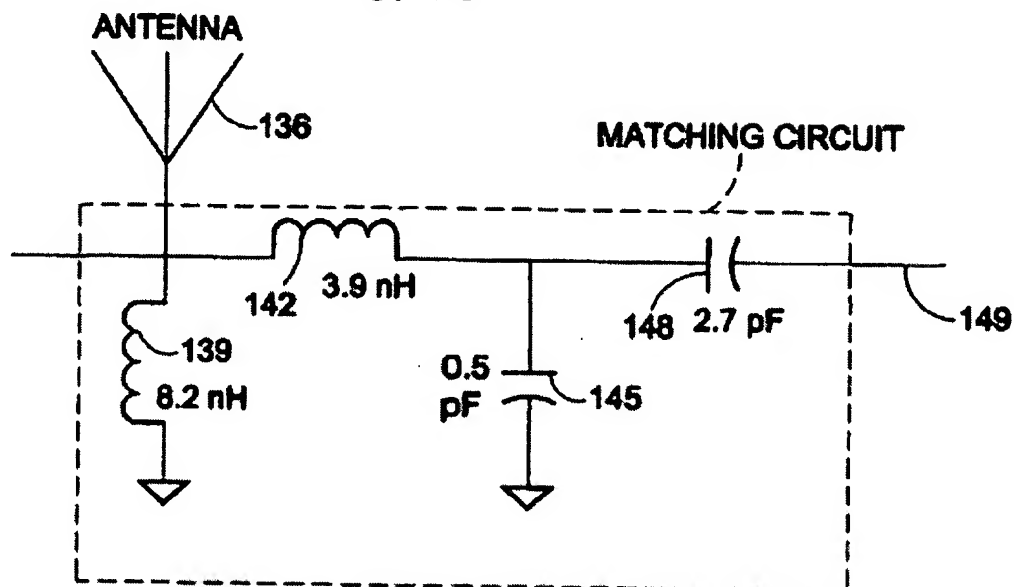


FIG. 7

ANTENNA MATCHING CIRCUIT

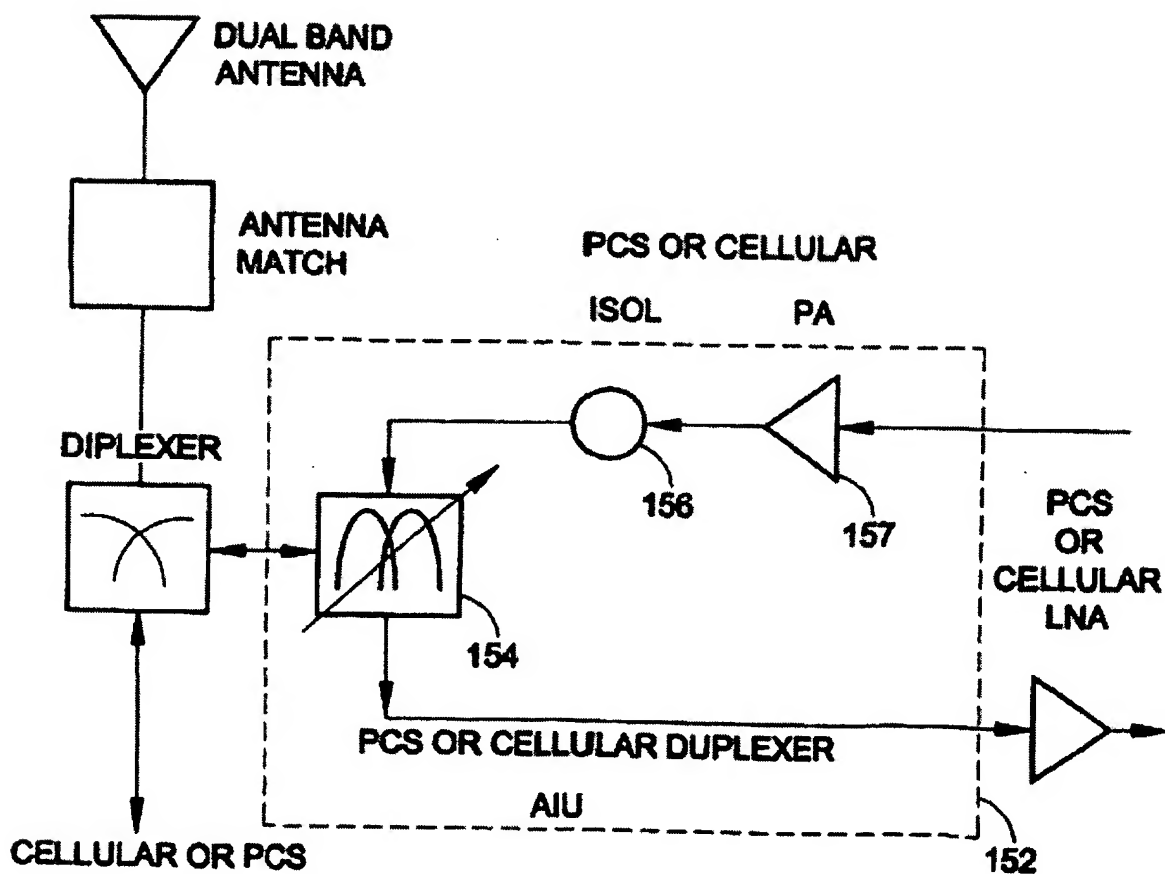


FIG. 8

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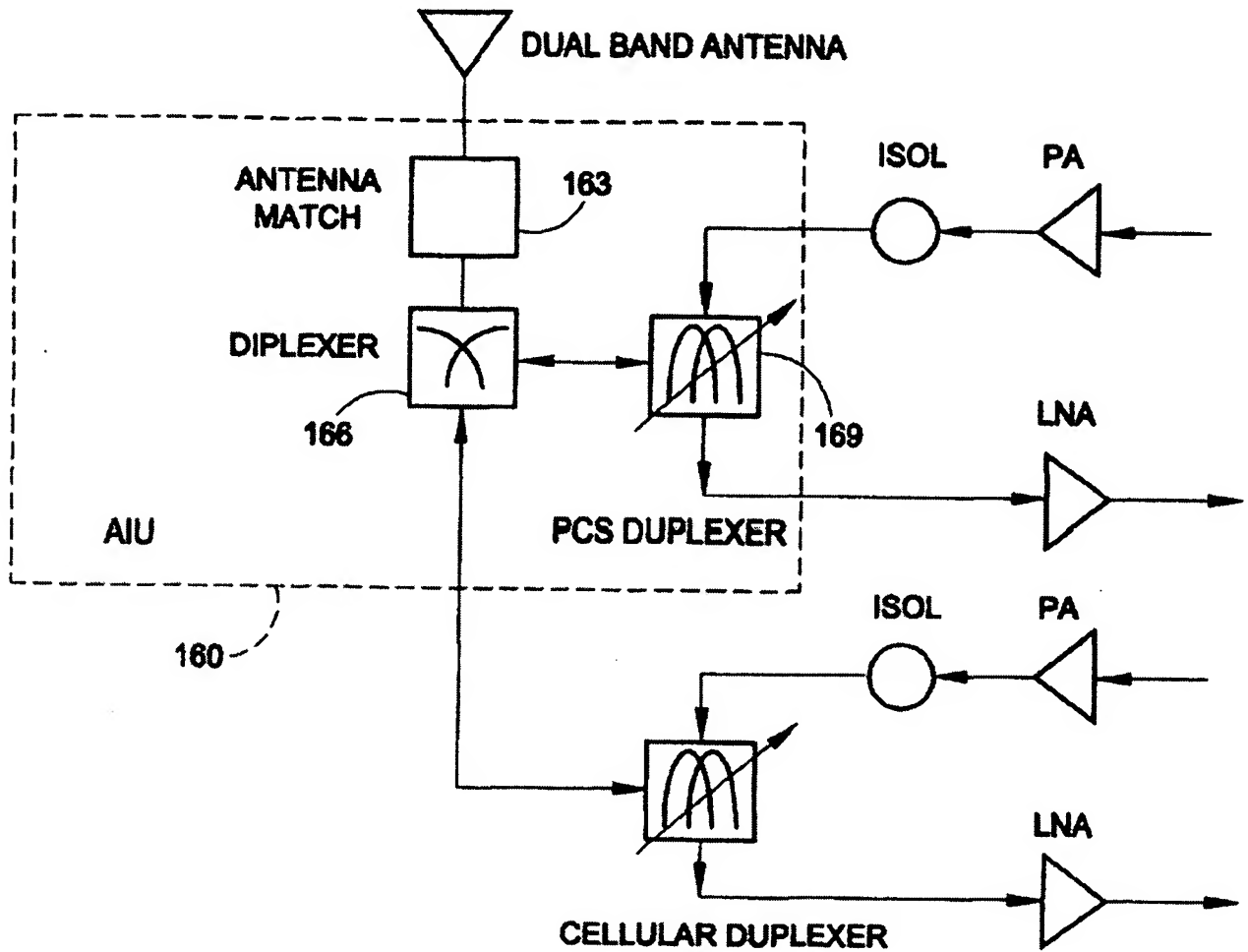


FIG. 9

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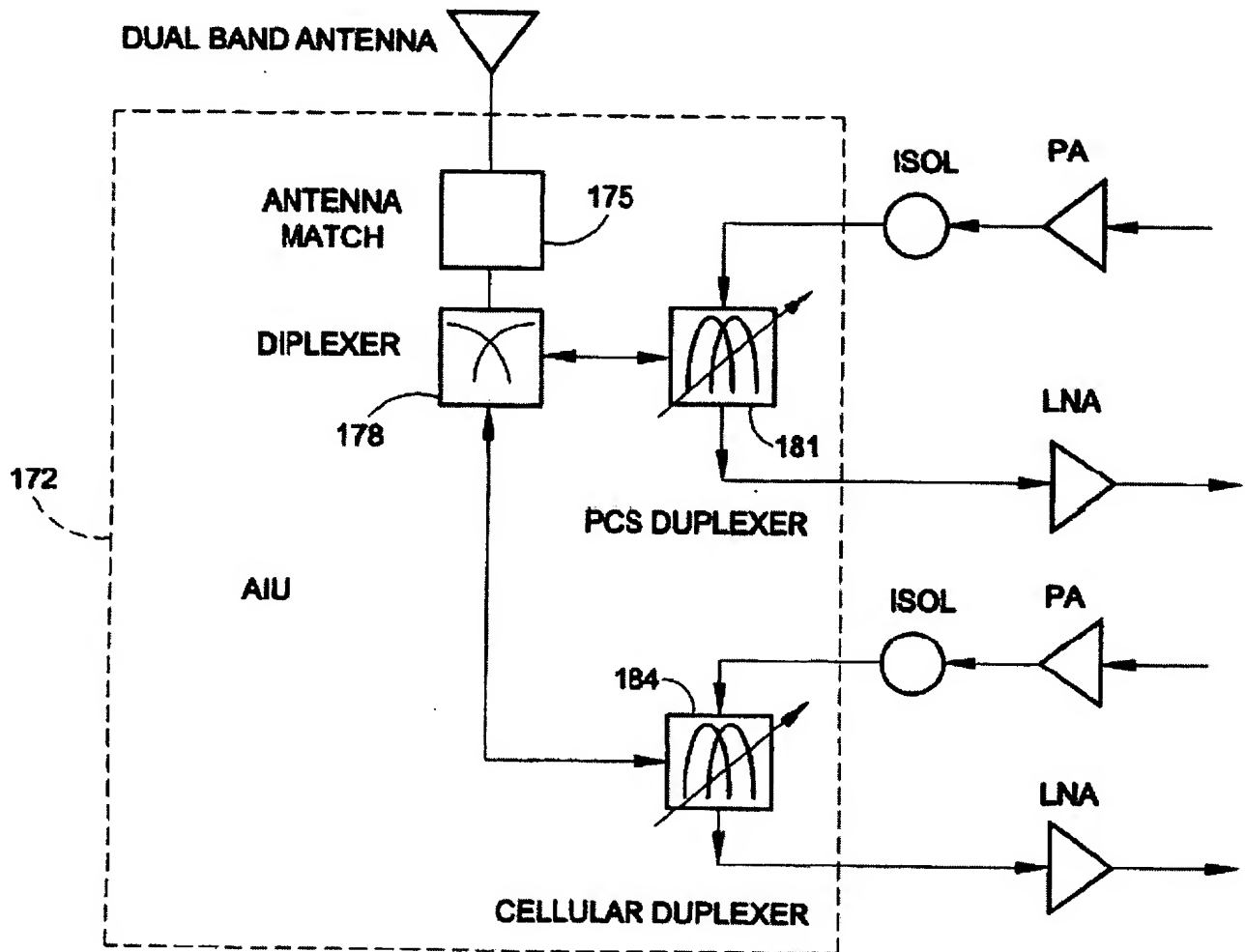


FIG. 10

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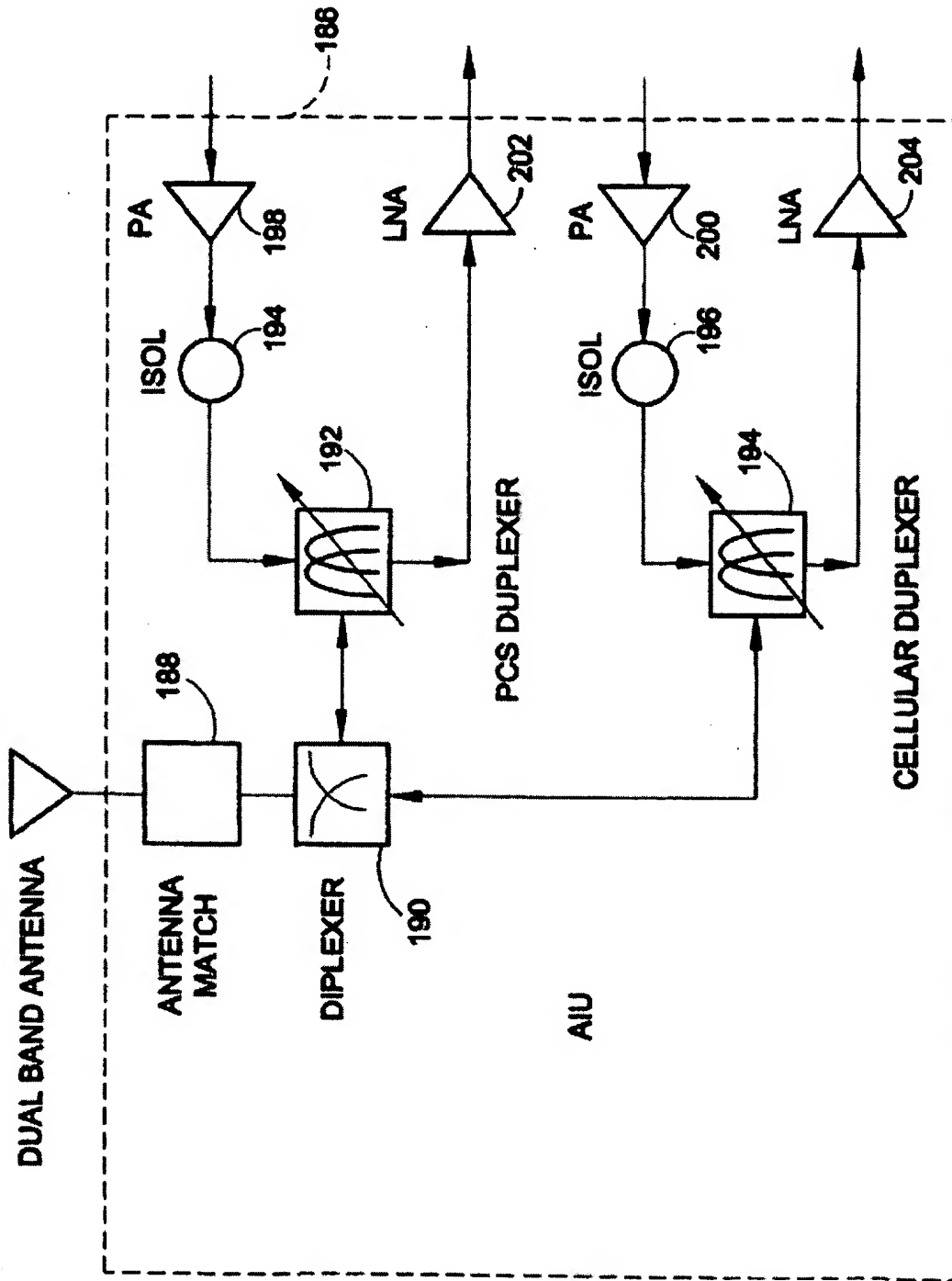


FIG. 11

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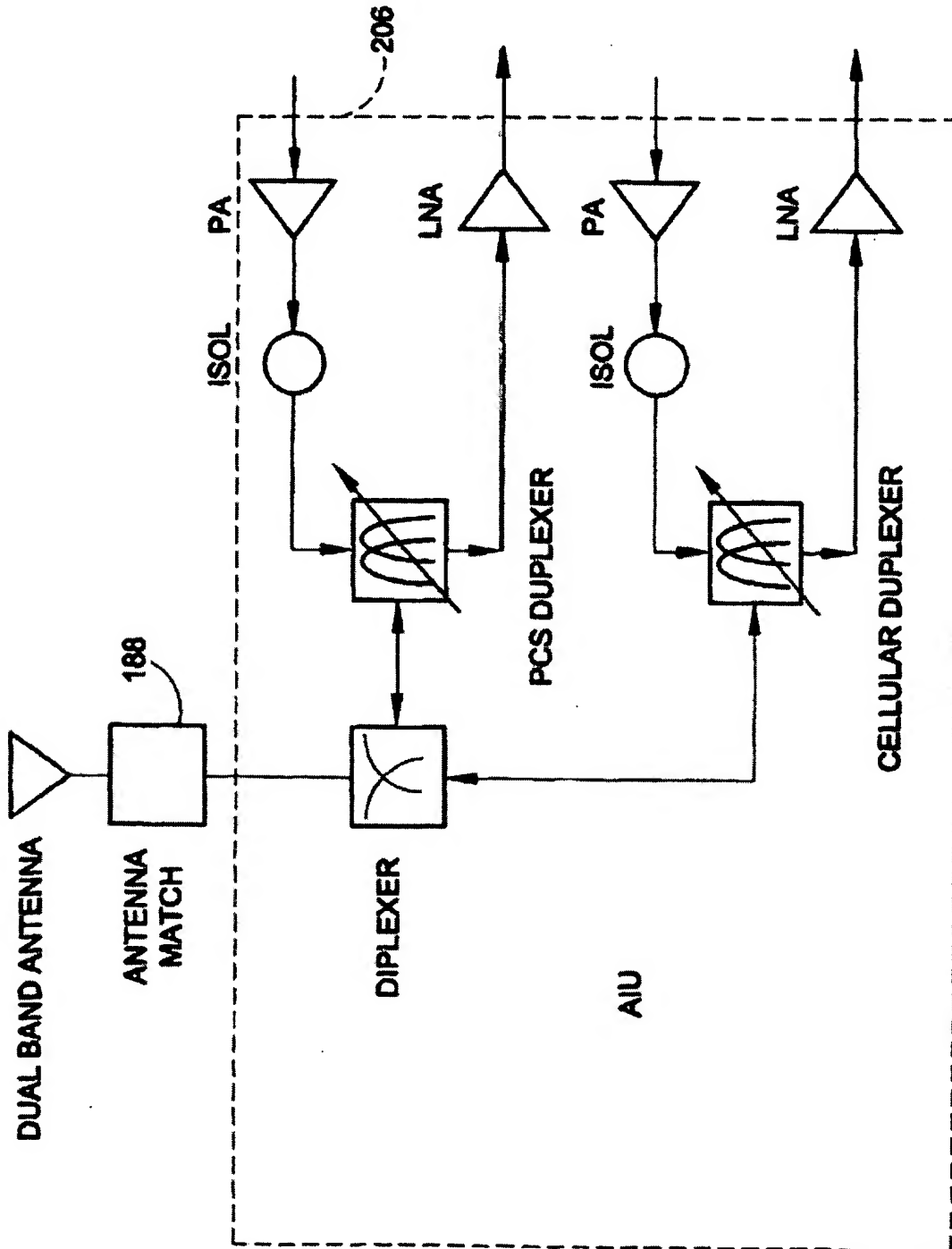


FIG. 12

